

## **Device for Administering an Injectable Product**

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### **WHAT IS CLAIMED IS:**

1. A device for administering an injectable product, comprising:
  - a) a casing;
  - b) a container for said product accommodated by said casing;
  - c) a delivering means for delivering product out of said container;
  - d) a drive means; and
  - e) a transmission link via which said drive means drives said delivering means;**characterised in that:**
  - f) a fluid space for an incompressible fluid and
  - g) a pressure reducing means are provided in said transmission link;
  - h) wherein said fluid space can be impinged on a drive side by pressure from said drive means and said pressure reducing means reduces a fluid pressure generated by said drive means toward a driven side of said fluid space.
2. The device as set forth in claim 1, characterised in that a working stroke of said drive means is transmitted in said fluid space into a working stroke of said delivering means which is greater than the working stroke of said drive means.
3. The device as set forth in the preceding claim, characterised in that a bias of said drive means is determined by a replaceably arranged distance ring.

4. The device as set forth in claim 1, characterised in that said drive side of said fluid space is formed by a piston area of a drive piston which is larger than a piston area of a driven piston which forms the driven side of said fluid space.
5. The device as set forth in claim 1, characterised in that said fluid space is sub-divided into a first partial space including said drive side and a second partial space including said driven side, and in that said two partial spaces are connected to each other by a fluid connection formed by said pressure reducing means.
6. The device as set forth in the preceding claim, characterised in that said two partial spaces are connected to each other exclusively by a system of capillaries, if a higher pressure prevails in said first partial space than in said second partial space.
7. The device as set forth in claim 5, characterised in that said fluid connection includes a spiral fluid channel or is formed by the same.
8. The device as set forth in the preceding claim, characterised in that said pressure reducing means comprises a capillary body, and in that said spiral fluid channel is formed between a surface area of said capillary body and an opposite surface area.
9. The device as set forth in claim 5, characterised in that said first partial space or said second partial space is formed as a toroidal chamber between an outer sleeve and an inner sleeve, and in that the other of said two partial fluid spaces is formed in said inner sleeve.
10. The device as set forth in the preceding claim, characterised in that:
  - said toroidal chamber forms said first partial space; and
  - a drive piston guided fluid-proof by said outer sleeve and said inner sleeve forms said drive side.

11. The device as set forth in claim 9, characterised in that:

- said second partial space is formed in said inner sleeve; and in that
- a driven piston guided fluid-proof by said inner sleeve forms said driven side.

12. The device as set forth in claim 9, characterised in that:

- said pressure reducing means comprises a separating body which forms a front face of said toroidal chamber and which separates said two partial fluid spaces from each other;
- a valve is accommodated by said separating body, said valve only allows a flow of fluid from said driven side to said drive side of said fluid space; and in that
- said separating body forms said fluid connection.